

TABLE A: 16S rDNA-targeted PCR primer sequences for almost complete gene amplification and specific for SRB subgroups

Primer	Target site ^a	Sequence ^b 5'-3'	Target	Annealing temp. (°C)	Expected size (bp)
fD1 ^c	1-20	AGA GTT TGA TCC TGG CTC AG	16s rDNA	55 °C	1500 bp
Rp2 ^c	1480-1501	ACG GCT ACC TTG TTA CGA CTT			
DFM140	140-158	TAG MCY GGG ATA ACR SYK G	Group 1	58 °C	700 bp
DFM842	842-823	ATA CCC SCW WCW CCT AGC AC			
DBB121	121-142	CGC GTA GAT AAC CTG TCY TCA TG	Group 2	66 °C	1120 bp
DBB1237	1237-1215	GTA GKA CGT GTG TAG CCC TGG TC			
DBM169	169-183	CTA ATR CCG GAT RAA GTC AG	Group 3	64 °C	840 bp
DBM1006	1006-986	ATT CTC ARG ATG TCA AGT CTG			
DSB127	127-148	GAT AAT CTG CCT TCA AGC CTG G	Group 4	60 °C	1150 bp
DSB1273	1273-1252	CYY YYY GCR RAG TCG STG CCC T			
DCC305	305-327	GAT CAG CCA CAC TGG RAC TGA CA	Group 5	65 °C	860 bp
DCC1165	1165-1144	GGG GCA GTA TCT TYA GAG TYC			
DSV230	230-248	GRG YCY GCG TYY CAT TAG C	Group 6	61 °C	610 bp
DSV838	838-818	SYC CGR CAY CTA GYR TYC ATC			

^a 16S rDNA positions; *E. coli* numbering.

^b Ambiguities: R (G or A); Y (C or T); K (G or T); M (A or C); S (G or C) and W (A or T)

^c Primers obtained from Weisburg et al. (2) remaining primers were obtained from Daly et al. (1).

1. **Daly, K., R. J. Sharp, and A. J. McCarthy.** 2000. Development of oligonucleotide probes and PCR primers for detecting phylogenic subgroups of sulfate-reducing bacteria. *Microbiology* **146**:1693-1705.
2. **Weisburg, W. G., S. M. Barns, D. A. Pelletier, and D. J. Lane.** 1991. 16S ribosomal DNA amplification for phylogenetic study. *J Bacteriol* **173**:697-703.